

Semrock

A Unit of IDEX

The Standard in Optical Filters for Biotech and Analytical Instrumentation

Search Semrock's website:

GO

Home

About Us

News

Events

Careers

Technical Information

Contact Us

Find-a-Filter by...

Fluorescence

Filter Sets

Individual Filters

Raman Spectroscopy

Filters

Laser & Optical Systems

Tunable Filters

Bandpass Filters

Edge Filters

Notch Filters

45° Dichroic Beamsplitters

Polarization Filters

Mirrors

Request a Print Catalog

Cy5-4040A

High brightness and contrast single-band filter set

100

90

80

70

60

50

40

30

20

10

0

550

575

600

625

650

675

700

725

750

775

800

Exciter

Emitter

Dichroic

Legend & Data

Horizontal Axis

Vertical Axis

Optimized for these fluorophores

Cy5™, SpectrumFRred (Far Red), Alexa Fluor 647™, Alexa Fluor 660™, APC (Allophycocyanin), BODIPY 650/665-X, DiD (DiIC18(5)) - Lipophilic Tracer, SYTO Red Fluorescent Nucleic Acid Stains 60, 62, 63, TOTO-3, TO-PRO-3

Complete list of fluorophores for this filter set

Set description

This filter set is ideal for use with Cy5™ and other deep red fluorophores. It is optimized to provide the highest brightness, while maintaining a very high signal-to-noise ratio.

Filter	Part Number	Average Transmission	Center Wavelength	Bandwidth*
Single-band Exciter	FF01-628/40-25	> 93%	628 nm	40 nm
Single-band Emitter	FF01-692/40-25	> 93%	692 nm	40 nm
		Average Reflection	Reflection Band	Transmission Band
Single-band Dichroic	FF660-Di01-25x36	> 98%	594 - 651 nm	669 - 726 nm

Back

Prices & Part Numbers

Compatible Fluorophores

List of Filter Sets

Semrock is
a Unit of IDEX

Copyright ©2010 Semrock, Inc., A Unit of IDEX Corporation

<http://www.semrock.com/Catalog/SetDetails.aspx?SetBasePartID=29>

Page 1 of 1